Search Hirt. 1/8/05 Ja. (7pp.)

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|-----------|------|---|---|---------------------|---------|-------------------|
| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
| L1 | 1 | hemt.ti,ab,clm. and InAIN near4 channel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/08 14:03 |
| L2 | 1 | hemt.ti,ab,clm. and ("In.sub."\$4"Al. sub."\$4"N" "In.sub."\$4"Al.sub. "\$4"N") near4 channel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/08 14:04 |
| L3 | 0 | ("(highadjelectronadjmobilityadjtran sistorhemt).ti.").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/08 14:58 |
| L4 | 936 | (high adj electron adj mobility adj transistor hemt).ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/08 14:58 |
| 15 | 51 | (high adj electron adj mobility adj transistor hemt).ti. and GaN | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | -2005/01/08 14:59 |
| L6 | 2078 | ((257/192) or (257/194) or (257/195) or (438/285) or (438/590)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/08 15:02 |
| L7 | 1685 | 6 and (high electron adj mobility adj transistor hemt) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/08 15:03 |
| L8 | 159 | 6 and (high electron adj mobility adj transistor hemt) and GaN | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/08 15:05 |
| L9 | 7 | 6 and (high electron adj mobility adj transistor hemt) and GaN and InAIN | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/08 15:07 |
| L10 | 1 | 6 and (high electron adj mobility adj transistor hemt) and GaN and InAlN near8 barrier | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/08 15:10 |

| 111 | 71 | (("3 764 96E") or ("2 767 094") or | LIC-DCDLIB- | OP | OFF | 2005/01/09 15:10 |
|----------|-------|---|---|------------------|-----|---------------------|
| L11 | 71 | (("3,764,865") or ("3,767,984") or ("3,855,690") or ("3,861,024") or ("3,943,622") or ("4,030,942") or ("4,075,652") or ("4,157,556") or ("4,163,984") or ("4,173,764") or ("4,325,181") or ("4,424,525") or ("4,593,301") or ("4,642,879") or ("4,714,948") or ("4,912,451") or ("4,961,194") or ("4,980,731") or ("5,021,857") or ("5,041,393") or ("5,084,743") or ("5,153,682") or ("5,180,681") or ("5,192,987") or ("5,262,660") or ("5,288,654") or ("5,312,765") or ("5,352,909") or ("5,358,878") or ("5,359,220") or | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/08 15:10 |
| | | ("5,365,080") or ("5,411,914")).PN. | | - Agrical Street | | and the property of |
| S1 | 5 | "772673".ap. | US-PGPUB; USPAT; | OR | OFF | 2005/01/06 16:14 |
| | * * * | · · · · · · · · · · · · · · · · · · · | EPO; JPO; | 4 | | |
| | | | DERWENT; IBM_TDB | | | × |
| S2 | 33 | (("5,447,874") or ("5,471,077") or | US-PGPUB; | OR | OFF | 2005/01/06 16:17 |
| 32 | | ((5,447,874) of (5,471,077) of ("5,486,705") or ("5,493,136") or ("5,521,403") or ("5,521,404") or ("5,554,865") or ("5,596,211") or ("5,6611,955") or ("5,696,387") or ("5,668,387") or ("5,698,900") or ("5,739,558") or ("5,811,843") or ("5,811,844") or ("5,821,825") or ("5,831,277") or ("5,834,796") or ("5,847,414") or ("5,856,217") or ("5,847,414") or ("5,900,653") or ("5,929,467") or ("5,976,920") or ("6,049,091") or ("6,049,097") or ("6,049,091") or ("6,049,097") or ("6,057,566") or ("6,140,169") or ("6,177,685") or ("6,214,678")).PN. | USPAT | | | 2003/01/06 16:17 |
| S3 | 16 | (("6,232,624") or ("6,242,293") or | US-PGPUB; | OR | OFF | 2005/01/06 16:19 |
| Const | | ("6,242,766") or ("6,316,793") or ("6,355,951") or ("6,392,253") or | USPAT | | | |
| -(| | ("6,429,467") or ("6,444,552") or ("6,465,289") or ("6,515,316") or | | | | |
| | | ("6,524,899") or ("6,531,718") or ("6,583,454") or ("6,646,293") or ("6,727,531") or ("20010020700")). | | | | |
| 10 0 | | PN. | | | | |
| S4 | 4 | JP-2000223697\$-\$.did. JP-2001196575\$-\$.did. wo-0059084\$-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/06 16:29 |

| S5 | 0 | wo-000059084\$-\$.did. | US-PGPUB; | OR | OFF | 2005/01/06 16:24 |
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| | | | USPAT; EPO; JPO; DERWENT; IBM_TDB | | | |
| S6 | 1 | wo-200059084\$-\$.did. | US-PGPUB; | OR | OFF | 2005/01/06 16:21 |
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| اعداد مانوالا | The same proportion of the second | and a second of | IBM_TDB | | - | " relative has believed and it is granted as the relative to t |
| S7 | 0 | (2001/0020700).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/06 16:30 |
| S8 | 2 | ("20010020700").PN. | US-PGPUB; | OR | OFF | 2005/01/06 16:31 |
| | | | USPAT; EPO; JPO; | YA. | | |
| | | | DERWENT; IBM_TDB | | | |
| 59 | 54 | S2 S3 S4 S5 S6 S7 S8 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/06 16:32 |
| S10 | 1645 | hemt.ti,ab,clm. | US-PGPUB; | OR | OFF | 2005/01/06 17:38 |
| | | | USPAT; EPO; JPO; DERWENT; IBM_TDB | | | |
| S11 | 1 | hemt.ti,ab,clm. and barrier adj layer near4 (InAlN "In.sub."\$3"Al.sub. "\$3"N" "Al.sub."\$3"In.sub."\$3"N") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/06 17:39 |
| S12 | 1 | hemt.ti,ab,clm. and barrier adj layer | US-PGPUB; | OR | OFF | 2005/01/06 17:40 |
| | | near4 (AlInN InAlN "In sub."\$3"Al. sub."\$3"N" "Al sub."\$3"In sub. | USPAT; EPO; JPO; | | | |
| - 11 | 18 | "\$3"N") | DERWENT; IBM_TDB | | | |
| S13 | 1 | (high adj mobility adj electron adj transistor hemt).ti,ab,clm. and barrier adj layer near4 (AlInN InAlN "In.sub."\$3"Al.sub."\$3"N" "Al.sub. "\$3"In.sub."\$3"N") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/06 17:40 |
| "S14 | 1 | (high adj mobility adj electron adj transistor hemt).ti,ab,clm. and (separat\$3 barrier) adj layer near4 (AlInN InAlN "In.sub."\$3"Al.sub. "\$3"N" "Al.sub."\$3"In.sub."\$3"N") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/06 17:41 |

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|----------|--|--|--|--|----------------|------------------|
| S15 | 1 | (high adj mobility adj electron adj | US-PGPUB; | OR | OFF | 2005/01/06 17:41 |
| | | transistor hemt).ti,ab,clm. and | USPAT; | | 1 | |
| | | (separat\$3 barrier) adj (layer film) | EPO; JPO; | | | |
| | | near4 (AlInN InAlN "In.sub."\$3"Al. | DERWENT; | | | |
| | | sub."\$3"N" "Al.sub."\$3"In.sub. | IBM_TDB | | ł | |
| | | "\$3"N") | | S | | |
| S16 | 54 | (US-20010020700-\$).did. or | US-PGPUB; | OR | OFF | 2005/01/06 17:56 |
| | | (US-6214678-\$ or US-6177685-\$ or | USPAT; | | | |
| . (*) | | US-6140169-\$ or US-6064082-\$ or | JPO; | | | |
| | × × | US-6100542-\$ or US-6057566-\$ or | DERWENT | are services | | |
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| | | US-5856217-\$ or US-5834796-\$ or | | | | |
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| | | US-5811843-\$ or US-5698900-\$ or US-5739558-\$ or US-5696387-\$ or | | | | |
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| 0 . | | US-6232624-\$).did. or | | | | |
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| | | JP-2000223697-\$ or | | | | |
| | | WO-200059084-\$).did. | | . 30. | 51 | |
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| S17 | 1 | (US-20040155260-\$).did. | US-PGPUB | OR | OFF | 2005/01/07 09:47 |
| S18 | 15 | (high adj electron adj mobility adj | US-PGPUB | OR ' | OFF | 2005/01/07 09:48 |
| | | transistor hemt).ti. and "257"/\$7. | X | | | |
| | anist * | ccls. | | | | |
| S19 | 93 | (high adj electron adj mobility adj | US-PGPUB; | OR | OFF | 2005/01/07 09:50 |
| | | transistor hemt).ti. and "257"/\$7. | ÜSPAT ' | | | |
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| S20 | 1035 | (257/194).CCLS. | US-PGPUB; | OR | OFF | 2005/01/08 14:57 |
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| \$ 1X-1 | | | IBM_TDB | | | |
| S21 | 1 | S20 and (InAlN "In.sub."\$3"Al.sub. | 0 - 2 - 3- 2 | OB | ON | 2005/01/07 00-54 |
| 321 | 1 | "\$3"N" "Al.sub."\$3"In.sub."\$3"N") | US-PGPUB; USPAT; | OR | ON | 2005/01/07 09:54 |
| | | and charge adj density | EPO; JPO; | | | |
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| S22 | 5 | S20 and (InAIN "In.sub."\$3"Al.sub. "\$3"N" "Al.sub."\$3"In.sub."\$3"N") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/07 10:23 |
| S23 | 1 | S20 and (InAlN "In.sub."\$3"Al.sub. "\$3"N" "Al.sub."\$3"In.sub."\$3"N") and (QW quantum adj well) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/07 10:24 |
| S24 | 3 | S20 and (InAlN "In.sub."\$3"Al.sub. "\$3"N" "Al.sub."\$3"In.sub."\$3"N") and (2DEG Q2DEG two-dimensional adj electron adj gas two-dimensional adj Fermi adj gas QW quantum adj well) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/07 10:44 |
| \$25 | 9 | (hemt high adj electron adj mobility adj transistor) and (InAlN "In.sub. "\$3"Al.sub."\$3"N" "Al.sub."\$3"In. sub."\$3"N") and (2DEG Q2DEG two-dimensional adj electron adj gas two-dimensional adj Fermi adj gas QW quantum adj well) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/07 11:00 |
| S26 | 2 | (hemt high adj electron adj mobility adj transistor) and (InAlN "In.sub. "\$3"Al.sub."\$3"N" "Al.sub."\$3"In. sub."\$3"N") near6 (barrier separating separation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/07 11:36 |
| S27 | 62 | (hemt high adj electron adj mobility adj transistor) and (AlGaN "Al.sub. "\$3"Ga.sub."\$3"N" "Ga.sub."\$3"Al. sub."\$3"N") near6 (barrier separating separation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/07 11:40 |
| S28 | 19 | (hemt high adj electron adj mobility adj transistor) and (AlGaN "Al.sub. "\$3"Ga.sub."\$3"N" "Ga.sub."\$3"Al. sub."\$3"N") near6 (barrier separating separation) and (QW quantum adj well) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/07 14:56 |
| S29 | 22 | portable adj telephone.ti,ab,clm. and HEMT.ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/07 14:57 |
| S30 | 48 | low adj noise adj amplifier.ti,ab,clm. and HEMT.ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/07 15:54 |

| S31 | 27 | radar.ti,ab,clm. and HEMT.ti,ab,clm. | US-PGPUB; | OR | ON | 2005/01/07 14:57 |
|---------|--|--|---|-------|---------------------------|--|
| | | , | USPAT; EPO; JPO; DERWENT; IBM_TDB | | | |
| S32 | 20 | sensor.ti,ab,clm. and HEMT.ti,ab,clm. | US-PGPUB; USPAT; | OR | ON | 2005/01/07 16:09 |
| | ** | | EPO; JPO; DERWENT; | | 7 | |
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| S33 | 2 | direct adj broadcast adj satellite.ti, ab,clm. and HEMT.ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/07 14:59 |
| .S34 | 1 | S29 and S30 and S31 and S32 and S33 | US-PGPUB; USPAT; | OR | ON | 2005/01/07 14:59 |
| | | 333 | EPO; JPO; | | | e de la companya de l |
| * = | | | DERWENT; IBM_TDB | | | |
| S35 | 1 | S29 and S30 and S31 and S32 | US-PGPUB; | OR | ON | 2005/01/07 14:59 |
| | | | USPAT; EPO; JPO; DERWENT; IBM_TDB | | | |
| S36 | 1 | S29 and S30 and S31 | US-PGPUB; USPAT; | OR . | ON | 2005/01/07 14:59 |
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| | | | DERWENT; IBM_TDB | | | |
| S37 | 1 | S29 and S30 | US-PGPUB; | OR | ON | 2005/01/07 14:59 |
| | | | USPAT; | | | , |
| | | | EPO; JPO; DERWENT; | | | · |
| S38 | | S30 and S31 and S32 | IBM_TDB US-PGPUB; | OR | ON . | 2005/01/07 15:55 |
| 330 | | 330 and 331 and 332 | USPAT; | | OIN | 2003/01/07 13.55 |
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| S39 | 5 | S30 and S31 | US-PGPUB; | OR · | ON | 2005/01/07 15:55 |
| | | | USPAT; EPO; JPO; | | | |
| | | | DERWENT; IBM_TDB | | | |
| S40 | 8 | "intermediate frequency amplifier" | US-PGPUB; | OR | OFF | 2005/01/07 16:45 |
| | ا احلیفان را معامل | and hemt.ti,ab,clm. | USPAT; EPO; JPO; | .3900 | | |
| | in the second se | | DERWENT; IBM_TDB | | | |

| S41 | 0 | "intermediate frequency amplifier" and (intermediate adj amplifier) and hemt.ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/07 16:46 |
|-----|---|---|---|----|-----|------------------|
| S42 | 8 | "intermediate frequency amplifier" and (intermediate adj2 amplifier) and hemt.ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/07 16:48 |
| S43 | 8 | "intermediate frequency amplifier" and (intermediate adj2 amplifier IF adj amplifier) and hemt.ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/07 16:49 |
| S44 | 9 | (intermediate adj2 amplifier IF adj amplifier) and hemt.ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/07 17:52 |
| S45 | 4 | hemt.ti,ab,clm. and InGaN near4 channel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/08 14:02 |